



PATENT  
Customer No. 22,852  
Attorney Docket No. 03495-0206-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
Boursaux-Eude and Guiso-Maclouf ) Group Art Unit: 1645  
)  
Serial No.: 09/855,754 ) Examiner: Navarro, A. M.  
)  
Filed: May 16, 2001 )  
)  
For: POLYPEPTIDES CONTAINING )  
POLYMORPHISMS OF THE )  
REPEATED REGIONS OF )  
PERTACTIN IN *BORDETELLA* )  
*PERTUSSIS, BORDETELLA* )  
*PARAPERTUSSIS, AND* )  
*BORDETELLA* )  
*BRONCHISEPTICA*, THEIR USE )  
IN DIAGNOSTICS, AND IN )  
IMMUNOGENIC COMPOSITIONS )

Commissioner for Patents  
Washington, DC 20231

Sir:

**AMENDMENT**

In reply to the Office Action dated April 16, 2002, Paper No. 10, please amend  
the application as follows:

**IN THE SPECIFICATION:**

Please amend the following paragraphs of the specification:

Page 13, fourth full paragraph, lines 18-24:

In particular, this invention is the result of the discovery that there are different  
species of the full length pertactin of *Bordetella bronchiseptica*, namely, species